

IN THE CLAIMS:

A complete set of the claims is included below, as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A portable light system, comprising:

- a. a sealed housing, wherein a portion of said housing is cylindrical in shape, said sealed housing including,
 - i. at least one light element; and
 - ii. at least one magnetic switch element configured to activate said at least one light element;
- b. a switch interface ring element configured to move around said cylindrical portion of said housing; and
- c. at least one magnet fixed in said switch interface ring element, said at least one magnet being operative to activate said at least one magnetic switch element within said sealed housing when movement of said switch interface ring element relative to said sealed housing brings said at least one magnet in proximity to said at least one magnetic switch element.

2. (Original) The portable light system of claim 1, wherein a plurality of relative positions of said at least one switch interface ring element and said at least one magnet defines a plurality of switch settings, said plurality of switch settings controlling a plurality of operational modes of said at least one light element.

3. (Original) The portable light system of claim 2, wherein said sealed housing includes a plurality of light elements.

4. (Original) The portable light system of claim 2, wherein said sealed housing includes a plurality of magnetic switch elements.

5. (Original) The portable light system of claim 2, wherein said switch interface ring element has a plurality of magnets fixed thereon.
6. (Original) The portable light system of claim 2, wherein said plurality of relative positions are enabled by a plurality of positioning elements in said portable light system.
7. (Original) The portable light system of claim 6, wherein said plurality of positioning elements include a single positioning element fixed in said switch interface ring element and a plurality of positioning elements fixed in said sealed housing.
8. (Original) The portable light system of claim 6, wherein said plurality of positioning elements include a single positioning element fixed in said sealed housing and a plurality of positioning elements fixed in said switch interface ring element.
9. (Original) The portable light system of claim 6, wherein a positioning element is fixed on a surface of said switch interface ring element.
10. (Original) The portable light system of claim 6, wherein a positioning element is fixed inside said switch interface ring element.
11. (Original) The portable light system of claim 6, wherein a positioning element is fixed on a surface of said sealed housing.
12. (Original) The portable light system of claim 6, wherein a positioning element is fixed inside said sealed housing.

13. (Original) The portable light system of claim 6, wherein said plurality of positioning elements includes a plurality of magnets.

14. (Original) The portable light system of claim 6, wherein said plurality of positioning elements includes ball and detent elements.

15-50 (Canceled)

51. (New) A portable light system, comprising:

- a. a sealed housing, said sealed housing including,
 - i. at least one light element; and
 - ii. at least one switch element configured to activate said at least one light element;
- b. a switch interface element configured to move relative to a surface of said sealed housing without penetrating said sealed housing; and
- c. at least one switch activating element fixed in said switch interface element, said switch activating element being operative to activate said switch element within said sealed housing when movement of said switch interface element relative to said sealed housing brings said switch activating element in proximity to said switch element.

52. (New) The portable light system of claim 51, wherein a portion of said sealed housing is cylindrical.

53. (New) The portable light system of claim 52, wherein said switch interface element is a ring that moves around said cylindrical portion of said sealed housing.

54. (New) The portable light system of claim 51, wherein said switch interface element moves along a planar portion of said housing.

55. (New) The portable light system of claim 51, wherein said switch interface element is fully removable from being coupled to said sealed housing.

56. (New) The portable light system of claim 51, wherein said switch element is a magnetic reed switch and said switch activating element is a magnet.

57. (New) The portable light system of claim 51, wherein said switch activating element is fixed on a surface of said switch interface element.

58. (New) The portable light system of claim 57, wherein said switch activating element is fixed on an interior surface of said switch interface element.

59. (New) The portable light system of claim 57, wherein said switch activating element is fixed on an exterior surface of said switch interface element.

60. (New) The portable light system of claim 51, wherein said switch activating element is fixed inside of said switch interface element.

61. (New) The portable light system of claim 51, wherein said switch interface element has a range of movement across said housing that spans a plurality of predefined positions, each of said plurality of predefined positions defining a position of said at least one switch activating element relative to said at least one switch element, each of said plurality of predefined positions defining a different switch setting.

62. (New) The portable light system of claim 61, wherein said switch interface element has a range of movement across said housing that spans a plurality of predefined positions, each of said plurality of predefined positions defining a position of a plurality of switch activating elements relative to a plurality of switch elements, each of said plurality of predefined positions defining a different switch setting.

63. (New) The portable light system of claim 61, wherein said plurality of predefined positions are enabled by a plurality of positioning elements.

64. (New) The portable light system of claim 63, wherein said plurality of positioning elements include a single positioning element fixed in said switch interface element and a plurality of positioning elements fixed in said sealed housing.

65. (New) The portable light system of claim 63, wherein said plurality of positioning elements include a single positioning element fixed in said sealed housing and a plurality of positioning elements fixed in said switch interface element.

66. (New) The portable light system of claim 63, wherein a positioning element is fixed on a surface of said switch interface element.

67. (New) The portable light system of claim 63, wherein a positioning element is fixed inside said switch interface element.

68. (New) The portable light system of claim 63, wherein a positioning element is fixed on a surface of said sealed housing.

69. (New) The portable light system of claim 63, wherein a positioning element is fixed inside said sealed housing.

70. (New) The portable light system of claim 63, wherein said plurality of positioning elements includes a plurality of magnets.

71. (New) The portable light system of claim 51, wherein said plurality of positioning elements includes ball and dedent elements.